LET	ALTERATION	DATE	BY
	SUPPLIES & EQUIPMENT CLASSIFICATION		
L	TRACED UP TO DATE	7-11-38	[illegible]
M	ADDED DETAILS A & B FOR -0 & -5 ASSYS. ADDED -5 ASSY	7-5-40	[illegible]
N	ADDED G-3-126 WHEEL ASSY. FOR -5 ASSY	3-7-40	[illegible]
P	"ETCH, 55LBS. INFLATE ON PLATE" WAS "STAMP 50LBS. INFLATE ON PLATE. ADDED 22H742-3 & 22H742-4 (2 EA) FOR PBY-5 NEG. WT. CHG	6-3-41	[illegible]
Q	D-9-4 REPLACES D-9-1, & D-87-11 REPLACES D-87-7 NEG WT CHG	6-2-43	[illegible]
R	ADDED NOTE "* FOR SPARES ONLY". NO WT. CHG	5-17-43	[illegible]
S	REMOVED NOTE "THESE PARTS - - - ON 28U1025-4" NO WT. CHG	5-17-43	[illegible]

E.O. 10786 (N)
E.O. 13221A (P)
E.O. 53516 (Q)

INSTRUCTION PLATE FOR INSPECTION AND MAINTENANCE OF BRAKE ASSEMBLY. SUPPLIED BY VENDOR

D-9-4 (Q) LEVER & PAWL ASSY

D-87-11 (Q) MASTER CYLINDER ASS'Y

A-103-1

A-80-13 WASHER
A-28-2 SHAFT

$1\frac{3}{4}$ TRAVEL

$8\frac{9}{16}$ OPEN POSITION

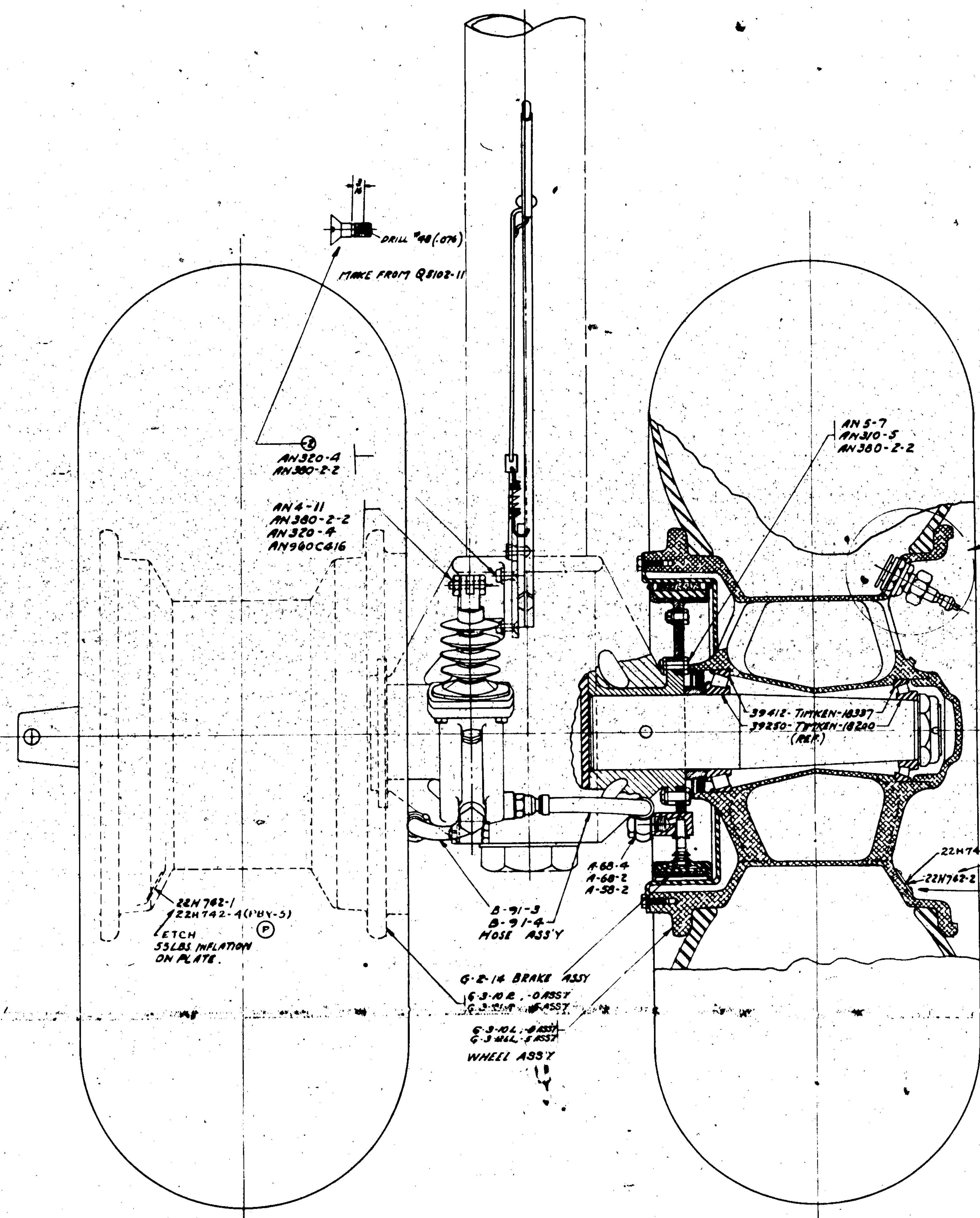
FILL WITH #21 LOCKHEED BRAKE FLUID APPROX. $\frac{1}{2}$ PINT REQUIRED PER AIRPLANE (READ INSTRUCTION PLATE ON LEVER)
USE BOOSTER PUMP B-120-2 STOWED IN 28U1025 KIT BAG FOR HAYES-PALMER TYPE BEACHING GEAR BRAKES

UNSCREW CAP FOR AIR ESCAPE WHEN FILLING SYSTEM

A-68-4
A-58-2

A-68-2

AN4-11 BOLT
AN320-4
AN380-2-2
AN960C416



G-3-10

HAYS PART NO A 93-1 PLATE

DETAIL A

SHOWING VALVE STEM HOLE DETAIL FOR -0 WHEEL & BRAKE ASS'Y. THIS ASS'Y IS FOR USE WITH TUBE HAVING METAL VALVE STEM WHICH REQUIRES PLATE AS SHOWN ABOVE

SEE DETAIL "A" FOR -0 ASS'Y
SEE DETAIL "B" FOR -5 ASS'Y

G-3-126

NOTE:- PLATE & SPOTFACING TO BE OMITTED ON -5 ASS'Y.

DETAIL B

SHOWING VALVE STEM HOLE DETAIL FOR -5 WHEEL & BRAKE ASS'Y. THIS ASS'Y IS FOR USE WITH TUBE HAVING RUBBER VALVE STEM (SCHRADER #7425-8)

B-120-2 BOOSTER PUMP
A-114-1 AXLE-NUT WRENCH

AN442-D2
1/16 DRILL - 5 HOLES
CTSK. AS SHOWN

GENERAL NOTE:-
MATERIAL AND WORKMANSHIP OF THESE ASSEMBLIES TO CONFORM WITH CORRESPONDING A.C. SPECIFICATIONS.

FINISH NOTE:
1.- CAD. PLATE OR CHROME-FLASH ON TIMKEN BEARINGS IN WHEELS
2.- CAD. OR CHROMIUM-PLATE ON ALL STEEL PARTS EXCEPT STAINLESS STEEL PARTS.
3.- ANODIZE AL. ALLOY PARTS
4.- PAINT ZP-1BL (FOR WHEELS & BRAKE PARTS)

(S)

THESE* ITEMS ARE PART OF HAYES INDUSTRIES, INC. DRAWING # H-105-1 FOR -0 ASSY, H-105-5 FOR -5 ASSY 11.00 X 12 BEACHING GEAR ASS'Y, WITH 10 X 1 3/4 PALMER BRAKES AND ARE ALL FURNISHED BY VENDOR
-0 ASS'Y IS FOR USE WITH TUBES HAVING METAL VALVE STEM. -5 ASS'Y IS FOR USE WITH TUBES HAVING RUBBER VALVE STEM

PART NO	-0 REQ	-5 REQ	
#21 LOCKHEED BRAKE FLUID	1/2 PINT	1/2 PINT	APPROX PER SHIP
B-120-2	1	1	1 PER SHIP
A-114-1	1	1	
G-3-126 RH	-	1	
G-3-126 LH	-	1	
A-58-2	3	3	
A-68-4	3	3	
G-3-10 (R.H.)	1	-	
G-3-10 (L.H.)	1	-	
G-2-14	2	2	
D-87-11	1	1	
D-9-4	1	1	
B-91-4	1	1	
B-91-3	1	1	
A-103-1	1	1	
A-80-13	1	1	
A-68-2	4	4	
A-28-2	1	1	
22H742-4	2	2	
22H742-3	2	2	
22H742-2	1	1	
22H742-1	1	1	
28H3014-2	2	2	

STD PARTS	REQ
AN4-11	2
AN960C416	2
AN320-4	4
AN380-2-2	16
AN310-5	12
AN442-D2	10
AN5-7	12

*FOR SPARES ONLY (R)

AXLE NOTED ON 28H3005 (REF)

TO BE USED FOR ALL FUTURE * SPARES

D.H.	MODEL	NEXT ASS'Y	REQ
-5	PBY-5	28H3005-[illegible]	1
-5	PBY-5	28H3005-[illegible]	1
-5	PBY-5 & 6	28H3005-[illegible]	1
-5	PBY-5 & 6	28H3005-[illegible]	1
	PBY-4	28H3005-1	
	PBY-4	28H3005	
	PBY-3	28H3005-1	
	PBY-3	28H3005	
-5	PBY-5A	28H3005	2 EA
-5	PBY-5B	28H3005	2 EA

REQUIREMENTS FOR AIRPLANE

D.H.	MODEL	NEXT ASS'Y	REQ
-5	28-5MA	28H3005	2
-5	28-5MC	28H3005	2
-5	28-5ME	28H3006	2
-5	28-5MR	28H3005	2

REPLACES
REPLACED BY
APPROVED RCW DATE 7-11-38
CALC WT J.B.J. ACT WT
SCALE 6" = 1'0"

MAT — PARTS LIST PER ASSY. -0 -5

A.C.
NAVY NOTED — MATERIAL
NOTED — SPEC
NONE — HEAT TREAT
NOTED — FINISH
DRAFT T.C. Hood 6-20-37 CHECK E.W. D'Pullo ENGR.
R

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.

NAME 11.00 X 12 WHEEL & BRAKE ASSY - BEACHING GEAR -

DWG J 28H3014

H 451

BEACHING GEAR

[redacted]